

A. CLASSIFICATION OF SUBJECT MATTER

IPC(S) :Please See Extra Sheet.

US CL :Please See Extra Sheet.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. - 424/85.1, 85.8, 88, 93U; 435/6, 7.1, 69.3, 91.2; 514/44; 530/350, 388.1, 389.7; 800/2, DIG1, DIG2; 935/3, 8, 12

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Please See Extra Sheet.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BIOCHIMICA ET BIOPHYSICA ACTA, Volume 1048, issued 1990, T. Solin et al., "Gene Expression and Prostate Specificity of Human Prostatic Acid Phosphatase (PAP): Evaluation by RNA Blot Analyses", pages 72-77, see entire document.	<u>1.4-6.8-9.11.14</u> 12, 13
X	JOURNAL OF BIOLOGICAL CHEMISTRY, Volume 266, Number 17, issued 15 June 1991, P.W. Faber et al., "Characterization of the Human Androgen Receptor Transcription Unit", pages 10743-10749, see entire document.	1-11, 14

 Further documents are listed in the continuation of Box C. See patent family annex.

• Special categories of cited documents:	
• "A" document defining the general state of the art which is not considered to be part of particular relevance	• "T" later documents published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
• "E" earlier document published on or after the international filing date	• "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
• "L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reasons (as specified)	• "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
• "O" document referring to an oral disclosure, use, exhibition or other means	• "Z" document member of the same patent family
• "P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

17 DECEMBER 1993

Date of mailing of the international search report

27 JAN 1994

Name and mailing address of the ISA/US
Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Facsimile No. NOT APPLICABLE

Authorized officer

ANTHONY C. CAPUTA

Telephone No. (703) 305-0196

Form PCT/ISA/210 (second sheet)(July 1992)

Applicants: Ron S. Israeli, et al.

Serial No. : 09/724,026

Filed: November 28, 2000

Exhibit B

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PROCEEDINGS OF THE 82ND ANNUAL MEETING OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH, Volume 32, issued March 1991, Q. Feng et al., "Purification and Biochemical Characterization of the 7E11-C5 Prostate Carcinoma-Associated Antigen", page 239, see abstract.	24, 25, 34, 36 1-23, 26- 33, 35, 37-89
X	CANCER RESEARCH, Volume 50, issued 01 October 1991, A.D. Lopes et al., "Immunohistochemical and Pharmacokinetic Characterization of the Site-Specific Immunoconjugate CYT-356 Derived from Antiprostate Monoclonal Antibody 7E11-C5", pages 6423-6429, see entire document.	34, 36, 44 1-33, 35, 37-43, 45-89
Y	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, Volume 80, issued March 1983, R.A. Young et al., "Efficient Isolation of Genes by Using Antibody Probes", pages 1194-1198, see entire document.	1-20, 47-89
Y	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, Volume 88, issued September 1991, B.E. Huber et al., "Retroviral-Mediated Gene Therapy for the Treatment of Hepatocellular Carcinoma: An Innovative Approach For Cancer Therapy", pages 8039-8043, see entire document.	47-77, 80-89
Y	CANCER RESEARCH Volume 51, issued 15 March 1991, T. Mukhopadhyay et al., "Specific Inhibition of K-ras Expression and Tumorigenicity of Lung Cancer Cells by Antisense RNA", pages 1744-1748, see entire document.	47, 48
Y	EUROPEAN JOURNAL OF CANCER, Volume 27, Number 1, issued 1991, M.F. Fey et al., "The Polymerase Chain Reaction: A New Tool for the Detection of Minimal Residual Disease in Hematological Malignancies", pages 89-94, see entire document.	78, 79
Y	US, A, 4,554,101 (HOPP) 19 November 1985, see entire document.	35-38
Y	SCIENCE, Volume 256, issued 12 June 1992, K.W. Culver et al., "In Vivo Gene Transfer with Retroviral Vector-Producer Cells for Treatment of Experimental Brain Tumors", pages 1550-1552, see entire document.	47-77, 80-89

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	G.J. Tortora et al., "MICROBIOLOGY, AN INTRODUCTION", published 1989 by BENJAMIN/CUMMINGS PUBLISHING CO., INC. (CALIFORNIA), pages 423-426, and 471, see entire document.	28, 29, 32, 33, 35-38
Y	D.P. STITES et al., "BASIC AND CLINICAL IMMUNOLOGY", published 1991 by APPLETON & LANGE (CONNECTICUT), pages 229-251, see entire document.	22, 23, 26-31, 39-43
Y	N.R. ROSE et al., "MANUAL OF CLINICAL LABORATORY IMMUNOLOGY", published 1986 by AMERICAN SOCIETY FOR MICROBIOLOGY (D.C.), pages 88-109, see entire document.	44, 45
Y	W.E. PAUL, "FUNDAMENTAL IMMUNOLOGY", published 1989 by RAVEN PRESS (N.Y.), pages 628, 629, and 647-651, see entire document.	70, 71
Y	J. SAMBROOK et al., "MOLECULAR CLONING, A LABORATORY MANUAL", published 1989 by COLD SPRING HARBOR LABORATORY PRESS (N.Y.), pages 16.1-16.81, see entire document.	1-21, 47-89
P, Y	CANCER RESEARCH, Volume 53, issued 01 March 1993, R.G. Vile et al., "In Vitro and in Vivo Targeting of Gene Expression to Melanoma Cells", pages 962-967, see entire document.	47-77, 80-89
Y	JOURNAL OF UROLOGY, Volume 143, issued February 1990, H.N. Keer et al., "Elevated Transferrin Receptor Content in Human Prostate Cancer Cell Lines Assessed in Vitro and in Vivo", pages 381-385, see entire document.	84-89
Y	CELLULAR IMMUNOLOGY, Volume 143, Number 1, issued August 1992, M.K. Gately et al., "Regulation of Human Cytolytic Lymphocyte Responses by Interleukin-12", pages 127-142, see entire document.	68, 69
Y	EUROPEAN JOURNAL OF CANCER, Volume 27, Number 9, issued 1991, A. Decensi et al., "Phase II Study of the Pure Non-steroidal Antiandrogen Nilutamide in Prostatic Cancer", pages 1100-1104, see entire document.	81

Best Available Copy
INTERNATIONAL SEARCH REPORT

International application No.
PCT/US93/10624

A. CLASSIFICATION OF SUBJECT MATTER:
IPC (5):

A61K 39/00, 39/395, 48/00; C07K 3/12, 15/06, 15/28; C12N 15/12; C12P 19/34; C12Q 1/68; G01N 33/53, 37/00

A. CLASSIFICATION OF SUBJECT MATTER:
US CL :

424/85.1, 85.8, 88, 93U; 435/6, 7.1, 69.3, 91.2; 514/44; 530/350, 388.1, 389.7; 800/2, DIG1, DIG2; 935/3, 8, 12.

B. FIELDS SEARCHED

Electronic data bases consulted (Name of data base and where practicable terms used):

CA, BIOSIS, EMBASE, MEDLINE, PASCAL, DERWENT WORLD PATENTS INDEX, DERWENT BIOTECHNOLOGY ABS, CURRENT BIOTECHNOLOGY ABS, APS
SEARCH TERMS: PROSTATE, MEMBRANE, ANTIGEN, PSM, 100, ISRAELI, HESTON, FAIR, androgen, IL-12, interleukin 12